Sony 504R4760   80398P483

ABSTRACT

A method for concealing errors in video data is
disclosed. The method includes decoding a first set of
motion vectors and estimating a second set of remaining
motion vectors in the corrupted video packet. A motion
compensated temporal replacement of texture data is
performed using the first and second sets of motion
vectors. The image smoothness of the texture data is then
performed. The decoding, estimating, performing temporal
replacement, and evaluating are repeated with one less
motion vector in the first set and one more motion vector
in the second set. The repeating is done until there is no
more motion vector left in the first set. Sets of motion
vectors that produce a best image smoothness measure of the
texture data are selected from the first and second sets.